

ABSTRACT

A hydrogen motor system comprising a combustion chamber, a hydrogen source, an oxygen source, a water source, an ignition system for
5 igniting a mixture of hydrogen and oxygen in the combustion chamber, a source of working fluid, an accumulator connected to the combustion chamber, a propulsion system, and a control valve operatively connected to control a flow of pressurized working fluid from the accumulator to the propulsion system. The source of working fluid is operatively connected to
10 the combustion chamber such that expanding fluid within the combustion chamber acts on the working fluid to pressurize the working fluid.